Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 31 Mar 2023 until 23:59 on Saturday 01 Apr 2023

Forecast Issued on Thursday 30 Mar 2023 at 15:31

Confidence: The main forecasting challenge for Friday and the weekend will be the height of low cloud feeding in from the east and then the extent to which it brightens up on Sunday. High for dry day on Monday but low for timing of rain arriving overnight into Tuesday.

Headline for Friday 31 Mar 2023: Low cloud and a little rain at times. Cold and breezy on the tops.

Mountain weather hazards on Friday 31 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Fog	Fog	Fog	Dull	Mist	Fog
Precipitation probability							
60%	60%	40%	30%	20%	20%	10%	10%

Forecast for Friday 31 Mar 2023

Weather: Low cloud and outbreaks of rain overnight, heavy in the early hours. A mostly cloudy and misty day with low cloud and patchy rain or drizzle. Drier across western hills through the afternoon and evening with perhaps a little brightness in the far west.

Chance of cloud-free hill tops above 600m: Mainly 10% or less but becoming 60% for a few hours during the afternoon.

Low cloud and visibility: Very poor on the tops, especially in the east with extensive cloud and fog above 200m. Cloud lifting for a few hours in the afternoon but higher summits likely to remain shrouded with generally hazy conditions.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 31 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/23 SE	19/26 E	18/24 E	18/24 NE	17/24 NE	18/24 NE	15/20 NE	15/20 NE	13/19 NE
300	12/21 SE	13/22 E	13/20 E	13/19 NE	14/21 NE	12/17 NE	9/14 NE	9/14 NE	7/13 N
Valley	8/19 E	10/21 E	12/23 E	10/21 NE	11/21 NE	8/18 NE	7/15 NE	6/14 NE	4/11 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	5/0	5/1	6/1	6/2	6/2	6/2	5/0	3/-1
300	8/5	7/4	7/4	8/4	8/5	9/6	8/6	7/4	6/3
Valley	8/6	8/6	8/5	8/6	9/7	10/8	9/7	8/6	6/5
Freezing Level*	1500m	1600m	1600m	1600m	1600m	1600m	1500m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud will mean good navigational skills required, especially in the morning. Cloud may lift for a few hours in the afternoon, mainly in the west.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 30 Mar 2023	17.8mm	19.6mm	23.6mm

Forecast for Saturday 01 Apr 2023

Weather: Low cloud and patchy drizzle, mainly in the east, overnight and to start the day. Dry by the afternoon with bright spells developing and cloud lifting for a while but low cloud and patchy rain arriving again in the evening.

Maximum wind: Northeasterly 10-15mph.

Chance of cloud-free hill tops above 600m: 20% at first, best chance in west, becoming 70% for most of the day.

Low cloud and visibility: Extensive cloud and fog above 300m at first but visibility becoming good for most of the day as cloud lifts and breaks. Becoming poor again late afternoon or early evening with low cloud arriving again.

Temperature: **Valleys:** Plus 6C rising to 9 or 10C.
At 600m: Plus 2C rising to 6C.
Freezing level: Above summits.

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